

Work Order ID 72415

Monday, July 25, 2011 11:36:54 AM



Page 1

Item ID:	D3838-042	Accept		Setup	Start	
Revision ID:					Stop	
Item Name:	Rib Assembly (Basket Lid, RH)					
Start Date:	7/25/2011	Start Qty:	3.00		Cust Item ID:	
Required Date:	7/29/2011	Req'd Qty:	3.00		Customer:	
Reference:						

Approvals:	Process Plan:	<u>H</u>	Date:	<u>11-07-25</u>	Tooling:		Date:		Run	Start	
	QC:		Date:		SPC (Y/N):		Date:			Stop	

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
D3838	Rev A

100	Large Fab	0.00							<u>Pl 11-08-23</u>
	Large Fab								<u>PM 11/08/23</u>
	Memo	0.00							
	1- cut D3838-2 and D3838-3 rib as per dwg D3838								
	2- remove identification markings								
	3- deburr								
	4- weld D3838-2 to D3838-3 and drill hole (3/16") using DT9437 jig and open to finish size as per dwg D3838 A/R ER316 S.S. Rod Batch: <u>M114649</u>								
	5- c'sink hole as per dwg								
	6- grind weld flush where indicated on dwg D3838								
	7- weld D3759-1 bushing as per dwg D3838 A/R ER316 S.S. Rod Batch: <u>M114649</u>								
	8- grind bushing weld flush as per dwg dwg D3838								
	9- deburr hole if necessary								

SAD 11-07-17

X

14

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

[illegible]

Page 2

Accept

Setup Start

Stop

11-11-11

Cust Item ID:

Abstract

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

QC:

Date:

SPC (Y/N):

Date:

Stop

**Insp.
Stamp**

0.00

QC

Quality Control

Memo

0.00

0.00

[illegible]

QC

Quality Control

Memo

0.00

0.00

1. The first step in the process is to identify the problem. This involves gathering information about the situation and the people involved.

Packaging

Packaging

Memo

0.00

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 72415

Monday, July 25, 2011 11:36:54 AM



Page 3

Item ID: D3838-042

Accept



Setup Start



Revision ID:

Stop



Item Name: Rib Assembly (Basket Lid, RH)

Start Date: 7/25/2011 Start Qty: 3.00



Cust Item ID:

Required Date: 7/29/2011 Req'd Qty: 3.00



Customer:

Reference:

Approvals:

Process Plan: _____

Date: _____

Tooling: _____

Date: _____

Run Start



QC: _____

Date: _____

SPC (Y/N): _____

Date: _____

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

140

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

11/8/24
(3)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Monday, July 25, 2011 11:36:59 AM

Page 1

Work Order ID: 72415

Parent Item: D3838-042

Parent Item Name: Rib Assembly (Basket Lid, RH)

Start Date: 7/25/2011

Required Date: 7/29/2011

Start Qty: 3.00

Required Qty: 3.00

Comments: IPP Rev:A 08-12-01 new issue DD verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D3759-1 Bushing		Manufactured	No			100	Each	137.0000	1	3			
--------------------	--	--------------	----	--	--	-----	------	----------	---	---	--	--	--

Location Loc Qty Loc Code

WA	135	
69202	135	
WA005	2	
66489	2	

M304TS0.750W.065 304 SQ Tube .75x.75x.065W		Purchased	No			100	f	554.2282	1.0317	3.258			
---	--	-----------	----	--	--	-----	---	----------	--------	-------	--	--	--

Location Loc Qty Loc Code

MAT018	77.6987	
117636	77.6987	
WA	441.0436	
118181	441.0436	
WA007	35.4858906	
116267	28.893172	
116763	6.5927186	

Handwritten notes:
 11/08/25
 3
 3.258
 11-08-17
 3.258

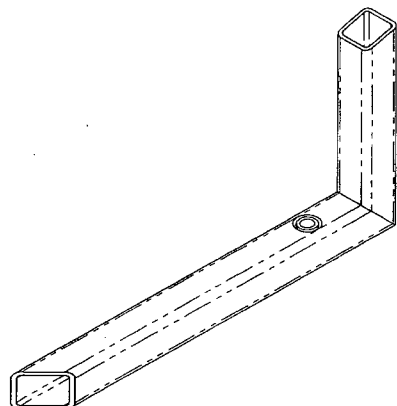
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

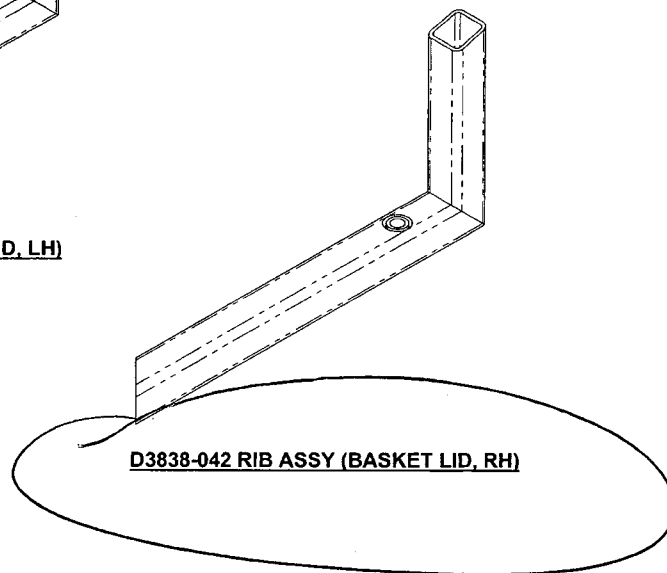
Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



D3838-041 RIB ASSY (BASKET LID, LH)



D3838-042 RIB ASSY (BASKET LID, RH)

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.54 lbs

ITEM	QTY -041	QTY -042	P/N	DESCRIPTION
1	X		D3838-041	RIB ASSY (BASKET LID, LH)
2		X	D3838-042	RIB ASSY (BASKET LID, RH)
3	1	1	D3759-1	BUSHING
4	1		D3838-1	RIB
5		1	D3838-2	RIB
6	1	1	D3838-3	RIB

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 72415

11-05-25

RELEASED
08/11/12

A	NEW ISSUE	MB	08.10.08
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	08.10.08		

DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWING NO. D3838	REV. A
TITLE RIB ASSY (BASKET LID)	SCALE NTS
COPYRIGHT © 2008 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

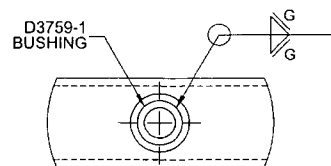
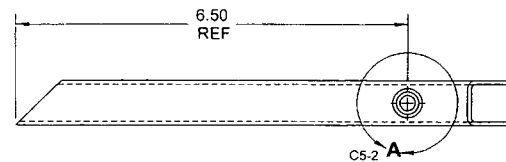
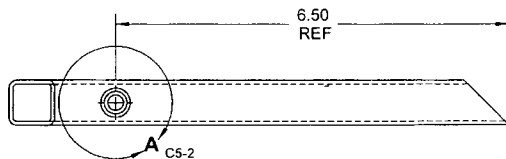
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

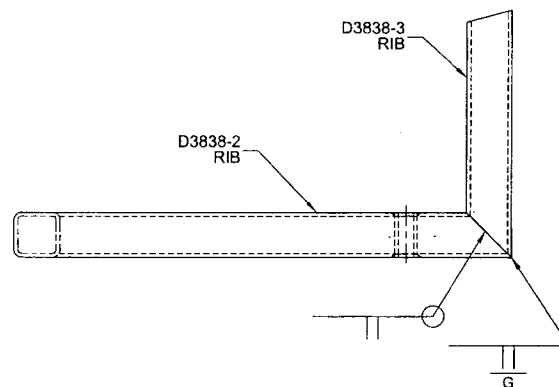
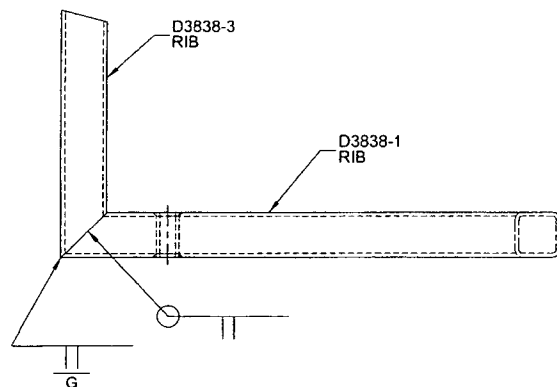
Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



DETAIL A
D2-2
D7-2 SCALE 2X



D3838-041 RIB ASSY (BASKET LID, LH)

D3838-042 RIB ASSY (BASKET LID, LH)

RELEASED
08/11/18/14

72415

DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. A
MFG. APPR.		D3838	SHEET 2 OF 3
APPROVED		TITLE	SCALE
DE APPR.		RIB ASSY (BASKET LID)	NTS
DATE	08.10.08	COPYRIGHT © 2008 BY DART AEROSPACE LTD	
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD			

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

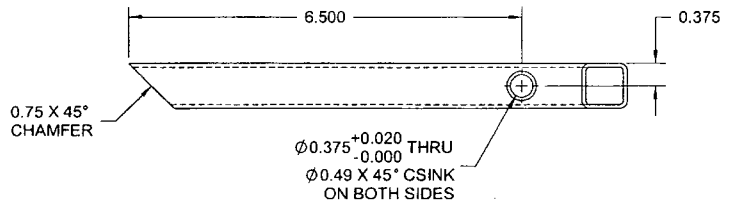
Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

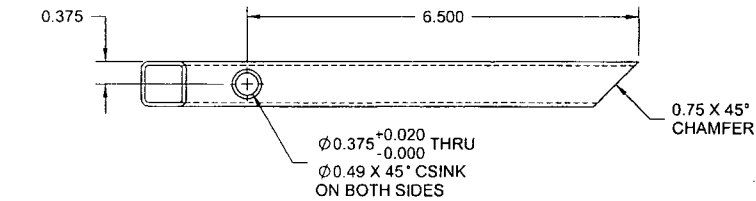
NOTE: Date & initial all entries

8 7 6 5 4 3 2 1

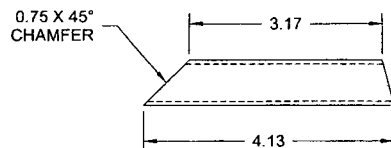
D



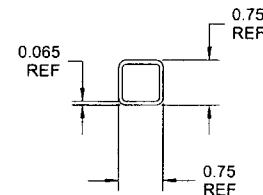
D3838-1 RIB



D3838-2 RIB



D3838-3 RIB



TYPICAL SECTION VIEW

RELEASED

NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SQUARE TUBE, 0.75 X 0.75 X 0.065 WALL
REF. DART SPEC. M304TS0.750W0.065
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: D3836-1/2 = 0.35 lbs EACH; D3836-3 = 0.19 lbs

72465

DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. A
MFG. APPR.	<i>[Signature]</i>	D3838	SHEET 3 OF 3
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	RIB ASSY (BASKET LID)	NTS
DATE	08.10.08	COPYRIGHT © 2008 BY DART AEROSPACE LTD	
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL, AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.			

8 7 6 5 4 3 2 1

A

A

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries